

APR 14 1975

NATIONAL COTTONSEED PRODUCTS ASSOCIATION, INC.  
*Established 1897*

SUITE 52B  
2400 POPLAR AVE.

MEMPHIS, TENN.  
38112

MAIL ADDRESS  
P. O. BOX 12023

April 10, 1975

Dr. Billy Caldwell, Staff Scientist  
National Program Staff  
U.S.D.A. - A.R.S.  
Plant and Entomological Sciences  
Beltsville, Maryland 20705

Dear Billy:

Since you are working with the Exchange Program with the Russian delegation on agriculture, I wish to call your attention to a situation that requires immediate action. At the Sixth International Sunflower Conference Executive Committee held in Bucharest, Romania, on July 22, Dr. N. Dvoryadkin informed the Executive Council that the U.S.S.R. was prepared to organize the Seventh International Sunflower Conference which would be held in Kransodar in July of 1976. The Council accepted the invitation. Academician Turbin was nominated to be chairman of the Seventh International Sunflower Conference but was unable to accept. We were to await further proposals from the U.S.S.R. with regard to the nomination of this representative.

As you know, an International Sunflower Association was formed with an Executive Committee naming A. V. Vranceanu, President; J. R. Jensma of the Netherlands, Secretary-General-Treasurer; N. Turbin, U.S.S.R.; A. Cauderon, France; N. S. Maini, France; and Dalton E. Gandy, U.S.A. These are the following questions that must be answered immediately by the ministry of Agriculture in the U.S.S.R. or the Committee must make plans to hold the Seventh International Sunflower Conference at another location:

- Who is the chairman of the Seventh International Sunflower Conference?
- Who is to be Secretary of the Seventh International Sunflower Conference?
- What are the dates for the Conference?
- An announcement of the Conference must be issued to each member country of the Council:
  - a. for the scientist to prepare papers for presentation; and
  - b. so the individual countries may place in their scientific magazines and publications a notice of this International meeting.
- Program Committee to be established, plans for screening of scientific papers to maintain quality of papers presented.
- Mail to each individual who attended the Sixth International Sunflower Conference an announcement or information bulletin not later than July 1, 1975 showing:
  - a. dates of conference;
  - b. registration fee, to include one copy of the conference proceedings;
  - c. room reservation blanks giving room prices, etc. with hotel categories deluxe, A, B, or C;
  - d. post conference tour;
  - e. program for ladies; and
  - f. the official languages to be used.

Dr. Billy Caldwell

-2-

April 10, 1975

I have been very much concerned that there is no communication from the chairman of the Sixth International Sunflower Conference. I have over fifty letters requesting information on how to acquire a copy of the proceedings from the Sixth International Sunflower Conference, the person to place an order with and at what price per copy. For those attending or planning to attend, communications must be improved to keep those individuals and countries interested in promoting the welfare of the sunflower industry.

Sincerely,

*Dalton*

Dalton E. Gandy, Member  
Executive Committee  
International Sunflower Conference

DEG:dis

cc: Dr. J. R. Jensma, the Netherlands  
Dr. N. Dvoryadkin, U.S.S.R.  
Dr. A. Cauderon, France  
Dr. A. V. Vranceanu, Roumanie  
Mr. N. S. Maini, India  
Dr. N. Turbin, U.S.S.R.

USSR NATIONAL ORGANIZING COMMITTEE

" 30<sup>th</sup> " April 1975

Mr. D.E.Gandy  
1834 Hunters Creek  
Privemaphis, Tenn.  
38 138  
USA

Dear Sir,

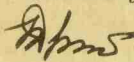
We inform you that the USSR Ministry of Agriculture has nominated the USSR National Organizing Committee of the VII International Sunflower Conference to be held in Krasnodar on 28 June-2July, 1976. The Staff of the Committee is the following:

|   |   |                   |
|---|---|-------------------|
| I.N.KUZNETSOV,<br>Deputy Minister<br>of Agriculture                               | - | Chairman          |
| A.S.NAVOLOTSKIJ<br>Head,<br>Main Office of<br>the USSR Ministry<br>of Agriculture | - | Vice-Chairman     |
| N.I.DVORYADKIN<br>Director,<br>All-Union Research<br>Institute of Oil Crops       | - | Secretary-General |

At present, all the necessary information is under preparation and will be sent to all persons who are interested in the Conference in proper time.

Sincerely,

N.I.Dvoryadkin,  
Secretary-General



MAY 22 1975

NATIONAL COTTONSEED PRODUCTS ASSOCIATION, INC.  
Established 1897

SUITE 528  
2400 POPLAR AVE.

MEMPHIS, TENN.  
38112

MAIL ADDRESS  
P. O. BOX 12023

May 19, 1975

Dr. Billy Caldwell  
Staff Scientist, Oilseed Crops  
U. S. Dept. of Agriculture - ARS  
National Program Staff  
Beltsville, Md 20705

Dear Billy:

It appears that your suggestion for a letter requesting immediate information on the dates, etc., on the 7th International Sunflower Conference was successful. A copy of a letter from N. I. Dvoryadkin is enclosed.

I think it would be desirable to pass this information on to various magazines, USDA, Calendar of Events, etc.

Congressman Poage said that Mr. Foley was pleased with our presentation and from reports he received from Agricultural Committee Members attending, they were impressed with this potential new alternate cash crop.

Sincerely,

Dalton E. Gandy  
Agronomist

DEG:rm

Attachment

cc: Ralph Taylor  
Marvin Klevberg

*How to handle screen of papers + to whom should clear papers: Ross Zimmer clearing houses. - Date of abstracts - etc. Am Go prefer new hotel*

MAY 31 1975

**REFERENCE SLIP**

5/8/75

TO

B. E. Caldwell, ARS

Room 318, B-005

Beltsville

- |  |   |
|--|---|
| <input type="checkbox"/> ACTION          | <input type="checkbox"/> NOTE AND RETURN              |
| <input type="checkbox"/> APPROVAL        | <input type="checkbox"/> PER PHONE CALL               |
| <input type="checkbox"/> AS REQUESTED    | <input type="checkbox"/> RECOMMENDATION               |
| <input type="checkbox"/> FOR COMMENT     | <input type="checkbox"/> REPLY FOR SIGNATURE OF _____ |
| <input type="checkbox"/> FOR INFORMATION | <input type="checkbox"/> RETURNED                     |
| <input type="checkbox"/> INITIALS        | <input type="checkbox"/> SEE ME                       |
| <input type="checkbox"/> NOTE AND FILE   | <input type="checkbox"/> YOUR SIGNATURE               |

REMARKS \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

FROM

R. V. Baumann, PACS

## YIELD OF SOYBEANS

| AREA            | 1939-40 | 1941-50 | 1941-60 | 1951-60 | 1961-67 | 1968-73 | 1974 |
|-----------------|---------|---------|---------|---------|---------|---------|------|
| Northeast       | 14.5    | 16      | 17.8    | 19.6    | 21      | 24.9    | 27.4 |
| Lake States     | 16.3    | 16      | 18.8    | 19.6    | 21.2    | 25.5    | 20.9 |
| Corn Belt       | 19.4    | 20.9    | 22.6    | 23.9    | 27      | 31.4    | 25.3 |
| Northern Plains | 11      | 13.3    | 14.8    | 15.3    | 20.8    | 23.9    | 21.4 |
| Atlantic        | 12.4    | 13.8    | 18      | 20.2    | 22      | 24      | 23.7 |
| Southern        | 6.3     | 13      | 16.2    | 16.7    | 21.6    | 20.8    | 22.9 |
| Delta           | 11.8    | 17      | 18.9    | 19.5    | 21.9    | 23      | 21.3 |
| Southern Plains | 7.3     | 9.7     | 16.7    | 18      | 21.7    | 23      | 26.8 |
| United States   | 18.4    | 19.5    | 21      | 21.9    | 24.5    | 27.4    | 23.5 |

ARS/PACS/5/8/75



REFERENCE SLIP

5/9/75

TO

NPS, PES Scientists

- ACTION
- APPROVAL
- AS REQUESTED
- FOR COMMENT
- FOR INFORMATION
- INITIALS
- NOTE AND FILE
- NOTE AND RETURN
- PER PHONE CALL
- RECOMMENDATION
- REPLY FOR SIGNATURE OF \_\_\_\_\_
- RETURNED
- SEE ME
- YOUR SIGNATURE

REMARKS Information provided to

Dr. Willis Gortner for use in

replying to Congressional inquiry.

*Leonard L. Jansen* / SB

FROM

L. L. Jansen, Program Analyst

Plant Sciences, PACS

## Summary of ARS Research on Plant Nutrition and Metabolism

| Nature of Research  | FY 1971 |       | FY 1972 |       | FY 1973 |       | FY 1974 |       | FY 1975<br>(planned) |       |
|---|---------|-------|---------|-------|---------|-------|---------|-------|----------------------|-------|
|   | \$ 000  | SMY's | \$ 000  | SMY's | \$ 000  | SMY's | \$ 000  | SMY's | \$ 000               | SMY's |
| Soil fertility and management practices <sup>1/</sup>       | 1,926.4 | 31.2  | 2,136.5 | 37.8  | 2,010.3 | 36.1  | 2,100.9 | 34.9  | 2,466.9              | 32.5  |
| Nutrition - specific crops:                                 |         |       |         |       |         |       |         |       |                      |       |
| Citrus  | 78.9    | 1.0   | 77.5    | 1.0   | 92.1    | 1.0   | 167.8   | 2.0   | 190.7                | 2.4   |
| Apples and pears  | 32.6    | 0.7   | 52.9    | 1.0   | 55.7    | 1.0   | 57.1    | 0.9   | 67.9                 | 0.9   |
| Berries   | --      | --    | --      | --    | 11.4    | 0.2   | 20.5    | 0.2   | 12.0                 | 0.2   |
| Tree nuts   | 8.5     | 0.2   | 10.3    | 0.2   | 11.6    | 0.2   | 10.8    | 0.2   | 11.5                 | 0.2   |
| Tobacco   | 191.5   | 3.6   | 205.8   | 3.6   | 183.1   | 3.4   | 190.3   | 3.8   | 195.0                | 3.8   |
| Pastures  | --      | --    | --      | --    | --      | --    | 16.9    | 0.2   | 17.8                 | 0.2   |
| Subtotal - crops  | 311.5   | 5.5   | 346.5   | 5.8   | 353.9   | 5.8   | 463.4   | 7.3   | 494.9                | 7.7   |
| Other nutrition research:                                   |         |       |         |       |         |       |         |       |                      |       |
| Weed competition - soybeans                                 | 13.4    | 0.4   | 18.9    | 0.4   | 18.1    | 0.4   | 18.9    | 0.4   | 22.4                 | 0.4   |
| Pesticide effects on plant nutrition and metabolism         | 120.2   | 1.9   | 134.4   | 1.9   | 125.5   | 1.9   | 171.3   | 2.4   | 157.6                | 2.0   |
| Aquatic weeds   | 3.5     | 0.0   | 6.6     | 0.0   | 14.0    | 0.2   | 11.1    | 0.2   | 12.1                 | 0.2   |
| Nutritional control of oilseed processing & product quality | 20.8    | 0.5   | 40.5    | 0.8   | 55.9    | 0.8   | 69.3    | 1.1   | 93.6                 | 1.3   |
| Revegetation of disturbed areas                             | --      | --    | --      | --    | --      | --    | --      | --    | 15.8                 | 0.3   |
| Plant-soil-atmosphere relations                             | --      | --    | 16.6    | 0.2   | 17.5    | 0.2   | 17.2    | 0.2   | 18.7                 | 0.2   |
| Subtotal - other  | 157.9   | 2.8   | 217.0   | 3.3   | 231.0   | 3.5   | 287.8   | 4.3   | 320.2                | 4.4   |
| Grand Total - Nutrition Research                            | 2,395.8 | 39.5  | 2,700.0 | 46.9  | 2,595.2 | 45.4  | 2,852.1 | 46.5  | 3,282.0              | 44.6  |

<sup>1/</sup>Includes all research in the ARS Research Activity on "Maintenance of soil fertility by use of fertilizers, crop residues, animal wastes, and better soil management practices;" all other lines of research are limited to proportions classified under Science 0912, "Plant nutrition and metabolism," in the Current Research Information System (CRIS).

ARS/PACS/11j  
5/6/75



# Joint Committee of Working Group

1-2 Working Group -

2-15. Adm TRAVEL - - -

- Plant - -

- An-Sci in vet -

- Soil + Eng.

USSR already planning to add vet med man

Adm travel i No of team -

- Main loc. adm. of Sci depends.

- Visit Adm Sci in Moscow

Agri Sci Acad

Com. of S & T

Big Academy

Republic Ag Min

Head - all U. Res Inst for

Problems.

Adm of info + Ext.

- Planning - Fin - Control

- Tim. academy - other Univ.

and Reg Expt Sta - ~~at~~ a

Center for info + Ext &

elem. of Sci problems (Info + Ext.)

What does  
TRAVEL mean by  
Hydraulic

## Review of FY1975 plan -

Kav -

- Exchange of Teams - 8 to US - 7 to USSR
- plus - Symposium -

To date sent 5 teams -

- Adm Team
- Wind Erosion
- A I Team
- Forage Team
- Animal Nutrition

US del - -

- Vet. Sci - Inf. - diseases
- 

USSR Request: additional delegation on Sugar Beets  
- production under irrigated conditions.

Means - 3 team in accord to program  
plus 1 sugar beet. team.

Adm Team -  
Private Team  
Team

Notes

- Comment on private teams not easily controlled.
- Adm team - + hydraulics -
- program implementation
- add of Sugar Beet team (of) need response
- Wait on TWC letter re Corn Quality

## Scientist Exchange

### Receiving Side Pays.

- Transport to & Return by ~~Receiving~~ <sup>Sending</sup> Side
- Hotel / ~~Food~~ (Food - Per. money) (14) paid by receiving side paid.
- Medical service
- Transport within Country by receiving side.
- Sal. by Sending side.

Noted Probably a maximum of \$20-25 and for specific single delegations.

For people must know the language of the country - - - - -

If interpreter needed - Sending side pays.

- Delivery Russian Request from Hartwig.

- How do we implement joint Research

- Send to lab - need language

- Poss of USSE (lab speak english)

- Inv US scientist.

- Possibility of send 2 or 3 AI company reps  
to USSR to discuss sale of summer

- Change H.F. team to U.S. -- avg.  
Laurie to supply programs.

✓ Trip Reports - Pouchado

- ~~Haylands Request~~

- Material of to Netiz of Sav. Unit on Wind Erosion

✓ - Dewey - 10 day visit VEIR  
What about other loc.

✓ - US has approved Korakov + other  
member visit to Soy.



Parkis

Get new active unit of Pox

Soybean OK

## Cherepanov

- Need Response on ~~large~~ Resistance + genotypes  
Berns team scheduled for August. Sent  
proposed - (Linné to bring copy) to  
Cherepanov 2X.
- Possible TWE will initiate Zakladnoy  
on Corn Quality as special project.  
work with Robert Davis Sr. - 1 mo.
- Some problems with teams arriving  
in NY. - Cost to US \$100.<sup>00</sup> / Conventions  
\$50 for sov. to come to D. C. U.S.  
will not be able to meet all delegations.
- How many groupings for working group  
meeting - no of interpreters -  
possible machine + sails together - Should  
we add vet sci specialist to the team.
- Sunflower Conference - ~~Knut~~ Kudrmitsov - ↓  
Dovryadkin
- Geographic + prod. info from Neetz

15-18 -

11/11/11

# U.S. - USSR Technical Discussions Moscow - July 14-2

## Review of C.Y. 75 Teams.

USSR to U.S.

July: ✓ Rice Cultivation - <sup>July</sup> July 17 - Aug 6  
OKAY - Lewis has plans

August: ✓ Plant Science - Aug. 1 - Aug 21

U.S. needs Soviet objectives + suggested locations - (Re long discussion)

✓ Soybean ~~Conf~~ Conference - Korsakov - Tugin OKAY  
U.S. side - Need suggestions other than Conference -

✓ Holstein - Friesian Team - Scheduled for sept but  
due to W.G. U.S. suggest (Aug 15 - Sept 3  
or Aug 12 - Aug 30.)

✓ Corn - Typhoid -  
✓ Sugar Beets -

## U.S. to USSR -

<sup>give to USSR</sup> July: R + T. Waste Management - OKAY - on schedule  
3/20 instead of 4/20 - Need Program

July - August: Grass exploration - Dewey + Plummer  
- Schedule at VIER - What about other requested locations?

Corn  
Sheet + Promises  
to handle.  
No Sect Resp.



# Schleusner

## General matters.

1. Problem with Teams arriving in N.Y. on Sunday.  
Cost to US \$100.00 plus to meet - ~~for~~ Congestion  
\$50 to come back to D.C. - If this continues  
US will not be able to meet delegations
2. Sunflower conference - US Scientist need to know
  1. How to handle & screen papers - US side  
Should someone in US do pub. screening.
  2. Date abstract due etc
  3. Hotel Arrangement - Gandy wants new  
hotel.
3. Pass info to Mrs Er-makov - Dept Foreign  
Agric. - min. of Agric.
4. ~~Sunflower~~ Soybean Strain from USSR collection

## 5. Copyright. Discussion

6. Corn Quality - invite Dr. G.A. Zakladnoy  
by Dr. Davis to visit US.


7. Pass letters to Budin from Hyland

TRIP Reports - Poached - Should we  
exchange our plans - what's Soviet Plans

Send  
Official  
letter

Agreed to  
give animal material  
only to  
observed by  
myself W.G. Hyland  
Need to  
send to  
Dept  
of Agric

August: Plant Stress + Genotypes - Sent Plans  
need Response.

September: Standards  - *Open program on testing* --

: Sleep Breeding - Have Plans

Poss. of AI Team. to discuss scowen sales.

## Plans of Working Group mtg.

- How many groups - re No of instructors and poss. of combining ~~at~~ Soils + Agr. Eng.
- How move to detail studies
  - labs with lang. capability - can they be identified
  - Trng of scientist - Plan.
- minute formats
- Check on location of hydraulic research location for TWC - what ~~ab~~
- what about ditch cleaning equipment

TEAMS FOR 1975

USSR to USA

1. R & T

*Clearance* Study of the experience in organization and management of agricultural research and the introduction of its achievements into production. 4/20\*  
Sunday, March 30-Saturday, April 19

2. ECONOMIC Agribusiness

Location and Specialization of Agricultural Firms. 4.20  
Friday, April 4-Thursday, April 24

*OK First Item of develop* R & T Participation in the International Symposium on Waste Management. 3/15  
Friday, April 11-Saturday, April 26

4. R & T Mechanization

Development of methods of cultivating soil and machines for combating wind erosion. 4/20  
Friday, May 9-Thursday, May 29

*OK should include transport of heavy to haul with team.*

5. R & T Animal Science

Study of large AI Centers. 4/20  
Friday, May 16-Thursday, June 3

*will be send w/ weeks  
big part to meet  
ambito includes as much as possible.*

*Here*

*Here*

USA to USSR

March

1. ECONOMIC

Study of the questions of production and use of feed for livestock and poultry. 5/20  
March 24-April 11 or March 31-April 18

2. ECONOMIC Library

Study of the information systems of the Central Agricultural Library and VASXNIL. 2/10  
March 17-31

April

May

3. R & T Animal Science

Study of methods of diagnosis and prophylaxis of infections and other diseases of livestock. 5/30  
May 15-21 June 15

*No Response from USSR by to may 15 Need see Dept ASAP.*

*Tom*



*TEXAS  
- A. W. W. W.  
- L. TRAVEL*

4th ECONOMIC WORKING GROUP MEETING  
Proposed dates by USSR side  
Friday, May 23-Thursday, June 5

June

*Eliminate Vandenberg  
Clean hydraulic facilities*

6. R & T Plant Science *HANSON*

*Use Army  
Use Reserves  
Need Sources*

Study of genetics, breeding, and agro-techniques in forage and grasses. 4/20  
Friday, June 6-Thursday, June 26

R & T Livestock

*Callid.  
Need on Friday  
Copy in Team file*

Study of the newest achievements in feeding livestock. 4/20  
Friday, June 20-Thursday, July 10

5. ECONOMIC Econ. Info.

Study of the economic aspects of the production of winter wheat and feed grains. 3/20  
June 16-July 5

8. ECONOMIC Agribusiness

Vegetable Oils, Technology and Economics of Production and Usage. 4/20  
Friday, July 4-Thursday, July 24

July

6. ECONOMIC Econ. Info.

Study of the economic aspects of the production of spring wheat. 3/20  
July 21-August 8.

R & T Rice Cultivation

*Have Plans  
Need  
Callid.  
Copy in Team file*

Study of selection and technology in cultivating rice and the use of irrigation. 4/20  
\*\*Thursday, July 17-Wednesday, August 6

*delivered  
Need Plans*

R & T Soil Science

Study of the experience in using permanently frozen soils. 4/20

R & T Waste Management

Study of the technology of the utilization of animal waste. 4/20  
July 14-August 2

*get copy from Embassy*

*Fert Team. (2 con)*

*Devey + Plummer visit 3/20*

August

R & T Plant Science

*No Plans  
Need  
Beit  
Plans  
or discuss*

Study and Identification of Genetic Material and Organization of its exchange 3/20  
Friday, August 1-Thursday, August 21

9. ECONOMIC Econ. Info.

Study of the economic aspects of sunflower production/vegetable oil consumption. 2-4/20  
August 25-September 13

USSR to USA

11. \*R&T Plant Science August  
 Participation in International Sympo- (cont'd)  
 sium on Breeding & Genetics of  
 Corn. 3/20  
 \*\*Friday, August 15-Thursday,  
 September 4  
 Dates of Symposium - Sept. 8-12

12. ECONOMIC Agribusiness September  
 Study of the organization and  
 management of firms on horticulture  
 and vegetable production. 4/20  
 Friday, September 5-Wednesday, Sept. 24

13. R&T Animal Science  
 Study of the experiences and organiza-  
 tion of breeding work on Holstein-  
 Friesians. 3/20  
 Friday, September 12-Thurs. Oct. 2

ECONOMIC Agribusiness October  
 Study of the experiences and usage  
 of mathematical models and computers  
 for large Agribusiness firms. 4/20  
 Friday, October 3-Thurs., Oct. 23

15. ECONOMIC Agribusiness November  
 Study of technology and economics of  
 production and use of mixed feed and  
 protein-vitamin supplements. 4/20  
 Friday, Nov. 14-Thursday, Dec. 4

\* Note: Delegations attending International Symposia under the R&T Agreement will be approved by the Co-Chairmen of the Working Groups.

\*\* Dates in question

USA to USSR

10. ~~R&T Plant Science~~  
 Grain Crops - Selection and cultivation  
 and Study of resistance and genotypes  
 in unfavorable environments. 4/20  
 August 4-24

11. ~~R&T Mechanization Standards~~  
 Development of mutually acceptable  
 standards for and methods of testing  
 agricultural machines. 4/20

12. ~~R&T Animal Science~~  
 Study and usage of protein sources in  
 Feeding cattle, swine, sheep and  
 poultry. 4/20  
 September 15-October 4

13. ECONOMIC Methods of forecasting produc-  
 tion (including Agrometeorology),  
 conditions of production in agri-  
 cultural products. 4/20  
 October 6-24

*Have Plan*

*Have Plan*

*Need Response of Antisynops*  
*to R&T Plant Science*  
*fbz*

*Check embassy status*  
*Participant identified - Prop. Schedule received from USSR*

*Have Plan*  
*Change to Sheep Bldg*  
*Sheep*