AMENDMENT NO. 3
61-2949
To the Subagreement
Between
Michigan State University
And
The Board of Trustees of the University of Illinois

The Subagreement No. 61-2949 between Michigan State University (MSU) and The Board of Trustees of The University of Illinois (LEAD INSTITUTION) for the Dry Grain Pulses CRSP project titled, “Biological Foundations for Management of Field Insect Pests of Cowpea in West Africa,” under Prime Award No. EDH-A-00-07-00005 is amended in part as follows:

Article IV. Amount of Subagreement. Delete the first and second paragraphs of the article and substitute the following:

The total estimated amount of the Subagreement shall not exceed Four Hundred Fifty One Thousand Four Hundred Thirty Five US Dollars (US$ 451,435.00). Said amount consist of:

<table>
<thead>
<tr>
<th>Obligation Thru Amendments 1 &amp; 2</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>FY08-09 18-month project budget (4/1/08-9/30/09)</td>
<td>$245,883.00</td>
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<tr>
<td>FY09 Supplemental Institutional Capacity Building budget</td>
<td>$25,960.00</td>
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<tr>
<td>UIUC IDC on Supplemental funds FY 09</td>
<td>$14,278.00</td>
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<td><strong>AMENDMENT NO. 3 OBLIGATION INCREASE:</strong></td>
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<tr>
<td>FY10 12-month project budget (10/1/09-9/30/10)</td>
<td>$154,117.00</td>
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<tr>
<td>FY10 Supplemental Institutional Capacity Building budget</td>
<td>$8,095.00</td>
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<tr>
<td>UIUC IDC on Supplemental funds FY 10</td>
<td>$3,102.00</td>
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<tr>
<td><strong>TOTAL OBLIGATION</strong></td>
<td>$451,435.00</td>
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</tbody>
</table>

MSU previously obligated the amount of Two Hundred Eighty Six Thousand One Hundred Twenty One US Dollars (US$286,121.00), as partial funding of the total estimated amount set forth above. Via this amendment MSU obligates

1- An additional One Hundred Fifty Four Thousand One Hundred Seventeen US Dollars (US$154,117.00) as funds towards the fulfillment of the approved FY 2010 work plans (10/1/09-9/30/10—posted on the Pulse CRSP website) and represents final balance of the 30 months approved budget (4/1/08-9/30/10). Funds obligated hereunder should be sufficient for project expenditures through approximately September 30, 2010.

2- An additional Eleven Thousand One Hundred Ninety Seven US Dollars ($11,197.00) to be exclusively expended for the purpose of enhancing the capacity of collaborating Host Country institution (IITA $8,095 IDC from UIUC $3,102). These funds are being provided in response to a proposal received and subsequently approved by the Technical Management Advisory Committee (TMAC) of the Dry Grain Pulses CRSP. The Institutional Capacity funds are to be expended in accord with the budget and conditions specified in the attached Memorandum from the Management Office (see the letter from the Director of the Pulse CRSP dated September 29, 2009).

The total amount of obligation is now Four Hundred Fifty One Thousand Four Hundred Thirty Five US Dollars (US$ 451,435.00).
LEAD INSTITUTION may not exceed the total estimated amount or the obligated amount of this Subagreement, whichever is less.

All other terms and conditions of this Subagreement will remain unchanged.

For Michigan State University

[Signature] [11-17-09] [Date]

Typed Name and Title: Evonne Podawki
Senior Contract and Grant Administrator
Contract and Grant Administration

Authorized Contract officer for the University of Illinois Urbana-Champaign

[Signature] [12-8-09] [Date]

Typed Name and Title: Walter K. Knorr, Comptroller

Attest: Michele M. Thompson
Secretary
September 29, 2009

MEMORANDUM

TO: Dr. Clementine Dabire (INERA), Dr. Ibrahim Baoua (INRAN), Dr. Mohammad Ishiyaku (IAR), Dr. Manuel Tamo (IITA) and Dr. Barry Pittendrigh (UIUC)

FROM: Irvin Widders, Director, Dry Grain Pulses CRSP

RE: FY 2010 Funding to Enhance Host Country Institutional Capacity

The Management Office of the Dry Grain Pulses CRSP is pleased to inform you that FY 2010 Institutional Capacity Building Funds have been approved for the following proposal.

Proposal Title: Biological Foundations for Management of Field Insect Pests of Cowpea in Africa (PI-UIUC-1)


Approved Activity: To produce a training video (plus on CD-Rom) on the rearing and release of parasitoids for specific insect pests on cowpeas. The video will be used for the training of technicians in Burkina Faso, Niger, Nigeria and Mali and distributed at the 2010 World Cowpea Conference in Dakar, Senegal.

Amount to be Obligated in FY10: $11,197

- Direct Cost of Production (IITA) $6,000
- Indirect Cost IITA $1,224
- Indirect Cost UIUC $3,973

The following are comments and a recommendation provided by Technical Management Advisory Committee (TMAC) to the Management Office following review of the above identified proposal.

"The Management Office informed the TMAC that funds have been budgeted to provide scholarships for travel and accommodations for African CRSP scientists and graduate students to participate in the Forth World Cowpea Conference to be held in Dakar, Senegal in 2010. Since these funds will likely be available to many of the proposed participants in the workshop, the TMAC did not consider it appropriate to use the limited institutional capacity building funds to support directly the workshop. The TMAC on the other hand considered the thematic focus of the workshop on biological control of insect pests to be of highest importance. To that end, the TMAC recommended support only for the production of the video which would be distributed at the workshop and used for the training of Host Country technicians (an institutional capacity building activity)."
Please be informed that the approved amount of $11,197 will be obligated via an Amendment by Michigan State University to the sub-contract with the University of Illinois at Urbana Champaign for the above identified Phase I Dry Grain Pulses CRSP project. It is MO’s understanding that this amount will be “passed through” via a Fixed Price sub-subcontract with the International Institute of Tropical Agriculture in Benin (IITA-Benin).

Since FY 2010 is the third and final year of Phase I projects, these funds must be spent by the sub-subcontracted institution(s) for the intended institutional capacity building purpose prior to September 28, 2010.

If you have any questions regarding this award, please feel free to contact the Management Office of the Dry Grain Pulses CRSP.

Sincerely,

[Signature]

Dr. Irvin E. Widders
### Dry Grain Pulses CRSP (budget template 10/1/09-9/30/10)

**Project Title:**

**Third Period (12 months) 10/01/09 - 09/30/10**

<table>
<thead>
<tr>
<th>Institution Name</th>
<th>U.S. Institution</th>
<th>U.S. for Host Country</th>
<th>HC or U.S. Institution (1)</th>
<th>HC or U.S. Institution (2)</th>
<th>HC or U.S. Institution (3)</th>
<th>HC or U.S. Institution (4)</th>
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<tbody>
<tr>
<td><strong>a. Personnel Cost</strong></td>
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<tr>
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<td><strong>c. Equipment ($5000 Plus)</strong></td>
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<td>Supplies</td>
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<td><strong>e. Training</strong></td>
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<tr>
<td>Degree</td>
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<td><strong>f. Other</strong></td>
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<td>$18,480.00</td>
<td>$18,480.00</td>
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<tr>
<td><strong>h. Indirect Cost</strong></td>
<td>$30,760.95</td>
<td>$3,367.00</td>
<td>$2,772.00</td>
<td>$1,848.00</td>
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<td><strong>i. Indirect Cost on Subcontracts (First $25000)</strong></td>
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<td>$3,367.00</td>
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<tr>
<td><strong>i. Total Indirect Cost</strong></td>
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<td><strong>Grand Total</strong></td>
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</tbody>
</table>

**Total direct cost budgeted for U.S. institution(s):** $55,929.00 (48.50%)  
**Total direct cost budgeted for H.C institution(s):** $59,440.00 (51.50%)

### Cost Share

<table>
<thead>
<tr>
<th>Cost Share</th>
<th>U.S. Institution</th>
<th>U.S. for Host Country</th>
<th>HC or U.S. Institution (1)</th>
<th>HC or U.S. Institution (2)</th>
<th>HC or U.S. Institution (3)</th>
<th>HC or U.S. Institution (4)</th>
<th>Total</th>
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<tbody>
<tr>
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<tr>
<td><strong>Total</strong></td>
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<td><strong>$0.00</strong></td>
<td><strong>$43,790.00</strong></td>
</tr>
</tbody>
</table>

### Attribution to IEHA Objectives

- **Percentage of effort:** 50.00%
- **Amount corresponding to effort:** $43,344.98
  - HC or U.S. Institution (1): $0.00
  - HC or U.S. Institution (2): $12,923.50
  - HC or U.S. Institution (3): $10,626.00
  - HC or U.S. Institution (4): $10,164.00
  - Total: $77,058.48

### Attribution to Capacity Building (Theme "D")

- **Percentage of effort:** 50.00%
- **Amount corresponding to effort:** $43,344.98
  - HC or U.S. Institution (1): $0.00
  - HC or U.S. Institution (2): $12,923.50
  - HC or U.S. Institution (3): $10,626.00
  - HC or U.S. Institution (4): $10,164.00
  - Total: $77,058.48

Name of PI and Institution affiliation