

U.S. DEPARTMENT OF AGRICULTURE  
ANIMAL AND PLANT HEALTH INSPECTION SERVICE  
BIOTECHNOLOGY REGULATORY SERVICES  
**BRS NOTIFICATION - INTRODUCTION OF GENETICALLY ENGINEERED PLANTS**

<b>1. NAME, ADDRESS, TELEPHONE, AND EMAIL OF APPLICANT</b> Name: Position: Organization: Organization Unique ID: Address: . Á  County/Province: <b>Applicant information</b> Township/Island: Day Telephone:  FAX: Alternate: Email 1: Email 2:	<b>2. INTRODUCTION TYPE</b> <input type="checkbox"/> Importation <input checked="" type="checkbox"/> Interstate Movement <input type="checkbox"/> Interstate Movement and Release <input type="checkbox"/> Release  <b>3. APPLICANT REFERENCE NUMBER</b> 2016-1  <b>A reference number of your own (e.g., year-1)</b>
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**4. CONFIDENTIAL BUSINESS INFORMATION VERIFICATION (CBI)**Does this application contain CBI?  Yes  No**CBI Justification:**

N/A

**5. REGULATED ARTICLE**

Scientific Name: Zea mays

Common Name: corn

Cultivar and/or Breeding Line:

**6. PHENOTYPIC DESIGNATION****1) Phenotypic Designation Name:****Identifying Line(s):**

Construct(s): TAG21

Mode of Transformation: Agrobacterium tumefaciens, disarmed

**Phenotype(s)**

MG - Colored sectors in seeds

**Genotype(s)**

Screenable Marker

Promoter: 22-kd alpha zein promoter **from** Zea mays - strong expression in endospermGene: GFP **from** Aequorea victoria - green fluorescent protein, an auto-fluorescent protein used for visual selectionTerminator: 35S terminator **from** Cauliflower mosaic caulimovirus - the terminator of CaMV 35S is used as a transcriptional terminatorEnhancer: TEV **from** Tobacco etch potyvirus - TEV enhancer used for strong expression in plantsPromoter: 35S promoter **from** Cauliflower mosaic caulimovirus - CaMV 35S promoter for strong expression in plantsGene: BAR **from** Streptomyces hygroscopicus - phosphinothricin acetyltransferase (bar)

resistance gene for plant selection

Terminator: TVSP **from** Glycine max - terminator of soy bean vegetative storage protein is used to terminate transcription

**7. INTRODUCTION**

Point of Origin

<u>Location Name &amp; Description</u>	<u>Location Address</u>	<u>Contact(s)</u>
1) ÚUCENÁRá↔`æÁÖæ^æ\↔`bÁO~~*æää\↔~^ U\~'←ÁOæ^\æãÁ	1102 S. Goodwin Ave. S-108 Turner Hall Urbana, Illinois 61801-4730 <b>County:</b> .....Oáá↑*á↔&^	1) Marty Sachs 1102 S. Goodwin Ave. S-108 Turner Hall Urbana, Illinois 61801-4730 <b>Day Telephone:</b> 2172440864 <b>Email 1</b> msachs@ucic.edu

Destination

<u>Location Name &amp; Description</u>	<u>Location Address</u>	<u>Contact(s)</u>
1) Applicant information	Applicant information <b>County:</b> <b>Proposed Start Date:</b> <b>Proposed End Date:</b> <b>Quantity:</b>	1) Applicant information <b>Day Telephone:</b> <b>Email 1:</b>

**8. ADDITIONAL INFORMATION**

I, *Hugo Dooner*, certify that the regulated article will be introduced in accordance with the eligibility criteria and the performance standards set forth in 7 CFR 340.3. The above information is true to the best of our knowledge.

I acknowledge this is not an application to move or import select agents, the genes expressing select agents, or the toxins made by the select agents, as described in 9 CFR 121.

If there are any changes to the information disclosed in this application, I will contact APHIS.

**9. SIGNATURE OF RESPONSIBLE PERSON**

**10. DATE**

2016