SAA

Seed Association of the Americas

# *Report of recent activities on IP*

***ASTA Convention – Washington, D.C.***

***June 2015***




# SAA Vision

*"The Seed Association of the Americas is the globally recognized leading authority, representing with a unified voice, all common interests for the seed industry in the Americas".*

SAA Seed Association of the Americas

# *Intellectual Property*

A. Promote a forum to provide updates & exchange ideas

B. Countries to share their experience & current activities to see if harmonization is possible

→ 2 workshop in 6 months with **PVP officials + UPOV + industry**:

i. Electronic filling application

**ii. Use of molecular markers for:**

› Variety identification (eg: management of reference collections)

› Enforcement

› Improve UPOV DUS system (variety differentiation)

# *Outcomes of Bs. As. Meeting:*

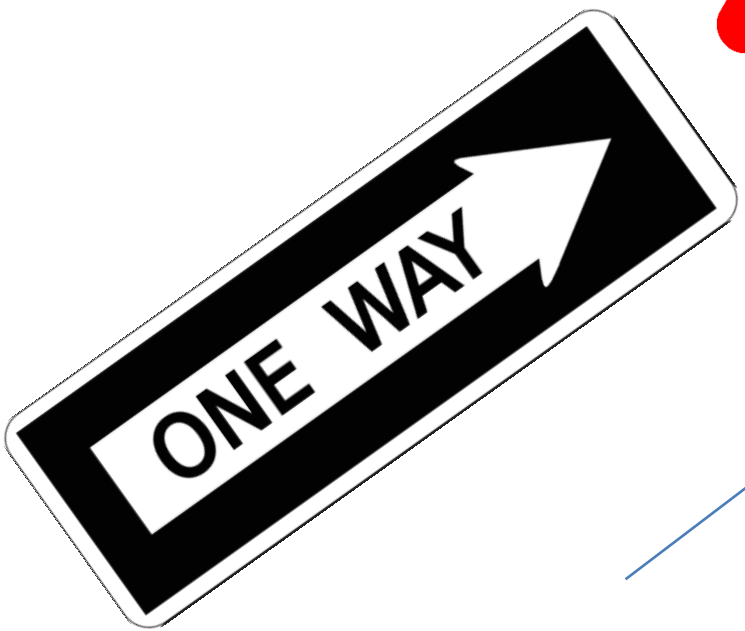
Uses of Molecular Marker Data on PVP

1. Surrogate for morphological trait ✓
2. Management of reference collections ✓
3. Use of MMs for enforcement of varieties with PBR ✓
   a. Discuss pros & cons of the use of SSRs vs. SNPs (eg: Brazil)
4. Determine genetic similarity between varieties for use in disputes on essential derivation ⚠
5. Improve UPOV DUS system & variety identification (morphologic with genotyping) ⚠

Start with a joint pilot project for soybean: use of molecular markers (SSR´s) for variety identification and SNP´s for differentiation


Success
Just Ahead




ONE WAY

# *SAA as a platform for success!*

Uses of Molecular Marker Data on PVP

- As starting point, use a set (chip) of publicly available 6K SNPs (relevant set of South & North American germplasm) to determine the relevant SNPs best for the differentiation of soybean germplasm sold within SAA territories.

- Share required information with PVP offices for supplementary discrimination (+/- 100/300 SNPs to be defined following the appropriate analysis), in order to manage reference collection, and for identification and differentiation (in DUS testing)

- All other SNPs will be available to companies in order to present info to PVP offices, but based on a reference variety and/or pair-wise model in case of morphological tie.

# 5th Seed Congress of the Americas

Promoting Seed Business in the Americas

# Convencion

Semillas Mejoradas para un México Productivo

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ASOCIACIÓN MEXICANA DE SEMILLEROS, A.C.

2015



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Promoting Seed Business in the Americas

September 8 - 10, 2015 / **Cancun / Mexico**